

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (Currently Amended) A communication apparatus ~~comprises~~ comprising:
means for determining a number of radio frames of a fixed duration on ~~each of one or~~
~~more physical channels~~ a physical channel in accordance with a transmission rate of the physical
channel, the radio frames constituting a unit by which processing of a logical channel is carried
out;
means for mapping the logical channel into the physical ~~channels~~ channel; and
means for transmitting a signal of the logical channel over the physical ~~channels~~ channel.

Claim 2. (New) The communication apparatus as claimed in claim 1, further
comprising means for generating the signal of the logical channel by adding an error correcting
code on a unit-by-unit basis.

Claim 3. (New) The communication apparatus as claimed in claim 2, wherein the
error correcting code is a CRC.

Claim 4. (New) A communication method comprising the steps of:

determining a number of radio frames of a fixed duration on a physical channel in accordance with a transmission rate of the physical channel, the radio frames constituting a unit by which processing of a logical channel is carried out;
mapping the logical channel into the physical channel; and
transmitting a signal of the logical channel over the physical channel.

Claim 5. (New) The communication method as claimed in claim 4, further comprising the step of generating the signal of the logical channel by adding an error correcting code on a unit-by-unit basis.

Claim 6. (New) The communication method as claimed in claim 5, wherein the error correcting code is a CRC.